



JAY
HWANG

SOFTWARE ENGINEER

PORTFOLIO



www.jayhwang.xyz



www.github.com/jay-hwang

SKILLS

| | |
|------------|---------------|
| JavaScript | Ruby on Rails |
| ES6 | Postgres |
| React.js | Redux |
| jQuery | SQL |
| CSS | Git |
| HTML5 | Python |
| Webpack | Photoshop |

CONTACT



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EXPERIENCE

2014 - 2017

Software Engineer

Contract Developer for humanitarian organizations & early-stage start-ups

- Delivered quality full-stack applications using JavaScript, React/Redux HTML, CSS, Photoshop, Ruby on Rails, SQL & Postgres
- Pioneered technical design & implementation decisions including app functionality & UI/UX design
- Reduced development-time 25% by creating Reusable Components & utilizing Meta-Programming
- Boosted client satisfaction by following up & refactoring code to ensure product quality

PROJECTS

LIVE GITHUB

Couchbnb

Sole Full-Stack developer / Single page app inspired by Airbnb

- Designed & implemented RESTful API to communicate via AJAX
- Slashed Database build-time 30% by writing a script to automate tasks
- Optimized search engine by employing Google Maps API to create a geo-location based search

LIVE GITHUB

Space Invaders

Sole Front-end developer / Browser-version of Classic Arcade game

- Leveraged Object-Oriented Design principles to maintain DRY code
- Built physics engine to handle object movement + collisions
- Implemented power-up item feature & customized animations

LIVE GITHUB

Tackling Trafficking

Contract Full-Stack developer / Blog site fighting human trafficking

- Worked directly with Founder to design & implement app functionality
- Reduced server-load by employing a queue to dispatch requests
- Improved performance & load time by utilizing cloud storage & CDNs
- Applied responsive-design techniques, employing media queries to create a fluid layout

EDUCATION

SEP - DEC 2016

Software Development

App Academy

- 1000-hour software development school with <3% acceptance rate
- 90th percentile based on weekly technical assessments & peer reviews

2012 - 2014

Music Composition

Nyack College

- Majored in Music Composition & Music Performance - Jazz Drums